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In re application of: : Attorney Docket No: CC-0273

Michael A. Davis et al. : Confirmation No. 6438

Serial No.: 09/648,525 : Examiner: A. Amari

Filed: August 26, 2000 : Group Art Unit: 2872

Title: OPTICAL FILTER HAVING A SHAPED FILTER FUNCTION

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Dear Sir:

RESPONSE TO FIRST OFFICE ACTION

In response to the first Office Action mailed January 14, 2002, please amend the above-identified application as follows.

IN THE CLAIMS

Please amend the claims as follows:

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
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D.C. 20231  
DATE: July 8, 2002

Shirley D. Hill

1. (Amended) An optical filter comprising:

a first optical element including a first reflective element for receiving light and reflecting a first wavelength band of the light centered at a first reflection wavelength, the first reflective element characterized by a first filter function; and

a second optical element, optically connected to the first optical element to receive the reflected first wavelength band of the light, including a second reflective element for reflecting a second wavelength band of the light centered at a second reflection wavelength, the second reflective element characterized by a second filter function;

whereby the amplitude profile of the first filter function is different than the amplitude profile of the second filter function, and the first wavelength band and the second wavelength band overlap spectrally.

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02 FC:103 576.00 CH  
03 FC:102 84.00 CH